



**CONTINUING PATENT APPLICATION TRANSMITTAL**

(for Continuing Applications  
under 37 C.F.R. §1.53(b))

**Attorney Docket No. 211843/00022**

Total Pages:  
First Named Inventor or  
Application Identifier: **Horsky**



**MAIL STOP PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This is a request under 37 C.F.R.  
§1.53(b) for filing a:

- (X) Continuation application,  
( ) Divisional application,  
( ) Continuation-in-Part application,

) **CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

) "Express Mail" Mailing Label Number

) EU 74525 2238 US

) Date of Deposit December 30, 2003

) I hereby certify that this paper or fee is being deposited with  
the United States Postal Service "Express Mail Post Office to  
Addressee" Service under 37 CFR §1.10 on the date  
indicated above and is addressed to the Mail Stop Patent  
Application, Commissioner of Patent and Trademarks,  
P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

) Maria Arreola-Flores  
(Typed or printed name of person mailing)

) Maria Arreola-Flores  
(Signature of person mailing)

of pending prior application number **10/183,768**,

filed on **June 26, 2002** of **Thomas Horsky** for **Electron Impact Ion Source**.

1. (X) This is a continuation or divisional application. Enclosed is a copy of the prior application as originally filed, including specification, claims, drawings, and oath or declaration.

- or -

- ( ) Enclosed is a patent application (for continuation, divisional, or continuation-in-part applications) containing:

( ) \_\_\_\_\_ pages of the specification (including claims).

( ) \_\_\_\_\_ sheets of drawings ( ) Formal ( ) Informal.

2. (X) Amend the specification by inserting before the first line the sentence: --This is a [X] continuation, [ ] division, [ ] continuation-in-part, of prior application number **10/183,768**, filed **June 26, 2002**, which is hereby incorporated herein by reference in its entirety.-- The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under

paragraph 3 below, is considered as being part of the disclosure of the accompanying application, and is hereby incorporated by reference therein.

3. (X) A copy of the executed oath or declaration filed in the prior nonprovisional application is enclosed.
4. ( ) Inventorship:
  - ( ) A newly-executed oath or declaration and power of attorney is enclosed (for continuation-in-part applications, or for continuation or divisional applications naming an inventor not named in the prior application) (§1.63(a), (d)(5) and (e)).
  - ( ) Because this application is being filed by fewer than all of the inventors named in the prior application, delete the following inventor(s) named in the prior nonprovisional application (37 C.F.R. §1.63(d)(1)(2)): \_\_\_\_\_.
  - ( ) The names of persons believed to be the actual inventors are set forth in the enclosed unexecuted oath or declaration and power of attorney (§1.41(a) and §1.53(b)).
5. ( ) Assignment(s) of the invention to, \_\_\_\_\_ and cover sheet are enclosed.
  - ( ) A check in the amount of \$\_\_\_\_\_ to cover the fee for recording the assignment(s) is enclosed.
6. (X) The prior application is assigned of record to **SemEquip, Inc.**
7. (X) Small Entity Status (37 C.F.R. §1.28(a)(2)) is claimed.
8. ( ) A 37 C.F.R. §3.73(b) statement is enclosed (where an assignee seeks to take action in a matter before the Patent Office).
9. ( ) A preliminary amendment is enclosed.
10. (X) Drawings:
  - ( ) Transfer the drawings from the prior application to this application and abandon said prior application as of the filing date accorded this application. A duplicate copy of this sheet is enclosed for filing in the prior application file. (May be used only if signed by person authorized by §1.138 and before payment of base issue fee.)
  - (X) New formal drawings are enclosed.
  - ( ) Informal drawings are enclosed.
11. ( ) A separate written request under 37 C.F.R. §1.136(a)(3), which is a general authorization to treat any concurrent or future reply requiring a petition for an extension of time under 37 C.F.R.

§1.136(a) for its timely submission as incorporating a petition for an extension of time for the appropriate length of time, is enclosed.

12. (X) An Information Disclosure Statement is enclosed.  
  
(X) A Form PTO-1449 is enclosed.  
  
(X) 2 References (copies) other than the U.S. patents and published U.S. patent applications listed on the Form PTO-1449 are enclosed.
13. ( ) A MicroFiche Computer Program (Appendix) is enclosed.
14. (X) A Return Receipt Postcard is enclosed (MPEP §503).
15. ( ) A Nucleotide and/or Amino Acid Sequence Submission is enclosed.  
  
( ) A Computer Readable Copy is enclosed.  
  
( ) A Paper Copy (Identical to Computer Copy) is enclosed.  
  
( ) A Statement Verifying Identity of above Copies is enclosed.
16. ( ) Priority of application number \_\_\_\_\_ filed on \_\_\_\_\_  
in \_\_\_\_\_ is claimed under 35 U.S.C. §119.  
  
( ) The certified copy of the priority document has been filed in prior application number /\_\_\_\_\_, filed \_\_\_\_\_.  
  
( ) A certified copy of the priority document is enclosed.
17. (X) Power of Attorney:  
  
(X) The power of attorney in the prior application is to:  
**John S. Paniaguas** Reg. No. **31,051**,  
**KATTEN MUCHIN ZAVIS ROSENMAN**  
525 West Monroe Street, Suite 1600  
Chicago, Illinois 60661-3693  
and other members of the firm.  
  
(X) The power appears in the original papers in the prior application.  
  
( ) Since the power does not appear in the original papers in the prior application, a copy of the power in the prior application is enclosed.
18. (X) Cancel in this application original claims **4-9** of the prior application before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)

19. (X) The filing fee is calculated below:

(a) Basic Fee \$770.00

(b) Independent Claims      1      -      3=      x      \$84.00 =      \$- 0

(c) Total Claims      4      -      20=      x      \$18.00 =      \$ 0

(d) Fee for Multiple Dependent Claims      \$280.00 =      \$-0-

**Total Filing Fee** **\$770.00**

**Reduction by 50 % for Filing Small Entity** **\$385.00**

**Total** **\$385.00**

20. (X) Check(s) in the amount of \$385.00 are enclosed.

21. (X) The Commissioner is hereby authorized to charge any fees which may be required under 37 C.F.R. §§1.16 and 1.17 and are not paid herewith, or credit any overpayment, to Deposit Account Number 50-1214. A duplicate copy of this request is enclosed.

22. ( ) The payment of the Filing Fee is to be deferred. Do not charge our Deposit Account.

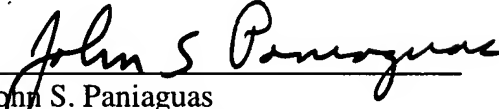
23. (X) Also enclosed: **Response to Notice to File Missing Parts and Executed Declaration.**

24. (X) Address all future communications to:

Patent Administrator  
Katten Muchin Zavis Rosenman  
525 West Monroe Street  
Suite 1600  
Chicago, Illinois 60661-3693  
Telephone: (312) 902-5200  
Facsimile: (312) 902-1061

December 30, 2003

(Date)



John S. Paniaguas

Registration No. 31,051

(X) Attorney or agent of record

( ) Filed under §1.34(a)

Attorney Docket No.: 211843-00022  
Application No.: Herewith  
First Inventor: Thomas N. Horsky  
Title: Electron Impact Ion Source

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"Express Mail" Mailing Label No.: EU745252238 US

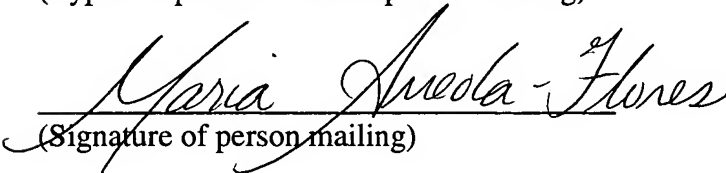
Date of Deposit: December 30, 2003

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1. Return Receipt Postcard
2. Continuing Patent Application Transmittal
3. Response to Notice to File Missing Parts with Petition for Extension of Time
4. Declaration for Patent Application
5. Utility Patent Application Transmittal
6. Declaration for Patent Application and Power of Attorney
7. Utility Patent Application
8. Drawings
9. Information Disclosure Statement
10. Form PTO-1440
11. 2 References
12. New Drawings
13. \$385.00 check

Maria Arreola-Flores

(Typed or printed name of person mailing)

  
(Signature of person mailing)